



TURBO X-MAX SEMI SYNTHETIC

PRODUCT DESCRIPTION:

Turbo X-Max is a premium quality semi synthetic low emission heavy-duty engine oil designed for naturally aspirated and turbo-charged 4stroke diesel and petrol engines in on- and off-highway and construction machinery applications. It is formulated with a range of the latest technology dispersants, detergents, oxidation inhibition, anti-wear, anti-corrosion, viscosity improver, and foam suppression additives, and is recommended for extended drain intervals.

APPLICATION:

It is recommended for 4stroke naturally aspirated and turbo-charged diesel engines, meeting Euro IV, Euro V, and the newest Euro VI emission requirements where permitted by the OEM and is suitable for use in engines with global after-treatment systems such as Exhaust Gas Recirculation (EGR), Diesel Particulate Filter (DPF), and Selective Catalytic Reduction (SCR).

FEATURES & BENEFITS:

- Helps keep piston rings, piston lands and valves clean, and offers effective soot dispersancy and wear control, optimising engine service life and maintenance costs.
- Latest technology dispersant, detergent, oxidation inhibition, anti-wear, anti-corrosion, viscosity improver, and foam suppression protection.
- Formulated to reduce emission control system cleaning and maintenance, improving Diesel Particulate Filter (DPF) life
- Advanced semi-synthetic base oil and additive technology helps control oxidation, sludge and oil thickening, offering extended oil drain intervals.

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CJ-4/SN
- ACEA E9
- MB 228.31
- Caterpillar ECF-3
- MAN M3477/3575
- VOLVO VDS-4
- Renault RLD-3
- DDC 93K218
- Mack EO-O PP
- Cummins CES 20081
- DEUTZ DQC III-10 LA
- FORD WSS-M2C171-F1

TYPICAL PERFORMANCE:

| PARAMETERS | ASTM | UNIT | Turbo X-Max (SEMI SYNTHETIC) | |
|------------------------------------|--------|----------|--------------------------------|--------------|
| | | | 10W30 | 10W40 |
| Grade | | | | |
| Kinematic Viscosity @ 104°F /40°C | D-7042 | cSt | TBR | TBR |
| Kinematic Viscosity @ 212°F /100°C | D-7042 | cSt | 11.75 | 15.1 |
| Viscosity Index | D-2270 | - | 154 | 156 |
| Density @15°C/ 60°F | D-4052 | g/cm3 | TBR | TBR |
| Flash Point (min) | D-92 | °C | 236 | 234 |
| Pour Point (max) | D-97 | °C | -39 | -39 |
| TBN | D-2896 | Mg KOH/g | 9.9 | 9.9 |
| CCS, (°C) | D-5293 | m.Pa.S | 7000 (-25°C) | 7000 (-25°C) |

DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.